

Customer No.: 31561  
Application No.: 10/711,509  
Docket No.: 12405-US-PA-OP

REMARKS

In response to the Examiner's amendments mailed on October 25, 2006, amendments are further made to the claims and the specification merely to correct editorial errors. More specifically, claims 1 and 19 have been amended to recite "...*the channel layer is doped with phosphorous ions in a range of about 1E17 atom/cm<sup>3</sup> to about 1E18 atom/cm<sup>3</sup> or boron ions is in a range of about 1E16 atom/cm<sup>3</sup> to about 5E17 atom/cm<sup>3</sup>...*", and claims 4-5 and claims 22-23 have been cancelled for reciting similar limitations in claims 1 and 19, respectively. It is believed that no new matter is added by way of these amendments made to the claims or otherwise to the application and the now pending claims of the present application are in proper condition for allowance.

Applicant respectfully reminds the Office that following references were cited during the prosecution of this application : USP 6683333 cited in the Office communication dated 10/25/2006, USP 6,222,214 cited in the Office communication dated 1/20/2006, US Pub 2004/0046171cited in the Office communication dated 8/3/2005, USP 6,737,305, US Pub 2002/0102781cited in the Office communication date 3/31/2005, and USP 5,318,919 and US Pub 20030224562 cited in two unofficial communications.

If, the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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Respectfully submitted,

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